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Terms	Documents
dendritic near cryopreserv$	3

Database:

US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
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EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search: L5

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Search History

DATE: Thursday, October 04, 2007 Purge Queries | Printable Copy | Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=USPT; PLUR=YES; OP=OR			
L5	dendritic near cryopreserv$	3	L5
L4	L3 and L2	62	L4
L3	matur$ or activated	555093	L3
L2	L1 and @py<2002	74	L2
L1	dendritic and cryopreserv$	256	L1

END OF SEARCH HISTORY

Hit List

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Search Results - Record(s) 1 through 3 of 3 returned.

☐ 1. Document ID: US 7198948 B2

L5: Entry 1 of 3 File: USPT Apr 3, 2007

US-PAT-NO: 7198948
DOCUMENT-IDENTIFIER: US 7198948 B2

TITLE: Methods and compositions for obtaining mature dendritic cells

DATE-ISSUED: April 3, 2007

PRIOR-PUBLICATION:

DOC-ID	DATE
US 20020160430 A1	October 31, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Steinman; Ralph M.	Westport	CT		US
Bhardwaj; Nina	Montclair	NJ		US
Schuler; Gerold	Spardorf			DE

US-CL-CURRENT: 435/377; 435/385, 435/386

ABSTRACT:

We describe an improved method for generating sizable numbers of mature dendritic cells from nonproliferating progenitors in human blood. The first step or "priming" phase is a culture of T cell depleted mononuclear cells in medium supplemented with GM-CSF and IL-4 to produce immature dendritic cells. The second step or "differentiation" phase requires the exposure to dendritic cell maturation factor such as monocyte conditioned medium. Using this two-step approach, substantial yields are obtained. The dendritic cells derive from this method have all the features of mature cells. They include a stellate cell shape, nonadherence to plastic, and very strong T cell stimulatory activity. The mature dendritic cells produced according to this invention are useful for activating T cells.

9 Claims, 14 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 14

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☑ 2. Document ID: US 6274378 B1

L5: Entry 2 of 3 File: USPT Aug 14, 2001

US-PAT-NO: 6274378
DOCUMENT-IDENTIFIER: US 6274378 B1

TITLE: Methods and compositions for obtaining mature dendritic cells

DATE-ISSUED: August 14, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Steinman; Ralph M.	Westport	CT		
Bhardwaj; Nina	Montclair	NJ		
Schuler; Gerold	Spardorf			DE

US-CL-CURRENT: 435/377; 435/325, 435/366, 435/375

ABSTRACT:

We describe an improved method for generating sizable numbers of mature dendritic cells from nonproliferating progenitors in human blood. The first step or "priming" phase is a culture of T cell depleted mononuclear cells in medium supplemented with GM-CSF and IL-4 to produce immature dendritic cells. The second step or "differentiation" phase requires the exposure to dendritic cell maturation factor such as monocyte conditioned medium. Using this two-step approach, substantial yields are obtained. The dendritic cells derive from this method have all the features of mature cells. They include a stellate cell shape, nonadherence to plastic, and very strong T cell stimulatory activity. The mature dendritic cells produced according to this invention are useful for activating T cells.

21 Claims, 31 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 19

☐ 3. Document ID: US 5788963 A

L5: Entry 3 of 3 File: USPT Aug 4, 1998

US-PAT-NO: 5788963
DOCUMENT-IDENTIFIER: US 5788963 A

TITLE: Isolation and/or preservation of dendritic cells for prostate cancer immunotherapy

DATE-ISSUED: August 4, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY

Murphy; Gerald P.	Seattle	WA
Boynton; Alton L.	Redmond	WA
Tjoa; Benjamin A.	Seattle	WA

US-CL-CURRENT: 424/93.21; 424/185.1, 424/277.1

ABSTRACT:

Methods and compositions for use of human dendritic cells to activate T cells for immunotherapeutic responses against primary and metastatic prostate cancer are disclosed. In one embodiment, human dendritic cells, after exposure to a prostate cancer antigen or specific antigenic peptide, are administered to a prostate cancer patient to activate the relevant T cell responses in vivo. In an alternate embodiment, human dendritic cells are exposed to a prostate cancer antigen or specific antigenic peptide in vitro and incubated or cultured with primed or unprimed T cells to activate the relevant T cell responses in vitro. The activated T cells are then administered to a prostate cancer patient. Methods and compositions for human dendritic cells with extended life span and cryopreserved dendritic cells are disclosed.

8 Claims, 9 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 9

Terms	Documents
dendritic near cryopreserv$	3

14253603 Genuine Article#: 953LK Number of References: 34
Title: Superantigen-activated mononuclear cells induce apoptosis in transitional cell carcinoma (ABSTRACT AVAILABLE)
Author(s): Perabo FGE (REPRINT) ; Willert PL; Wirger A; Schmidt DH; von Ruecker A; Mueller SC
Corporate Source: POB 1906/D-82309 Starnberg//Germany/ (REPRINT); Univ Bonn,Dept Urol,D-53105 Bonn//Germany/; Med Univ Lubeck,Dept Urol,Lubeck//Germany/; Univ Bonn,Inst Pathol,D-53105 Bonn//Germany/(perabo@lycos.com)
Journal: ANTICANCER RESEARCH, 2005, V25, N5 (SEP-OCT), P3565-3573
ISSN: 0250-7005 Publication date: 20050900
Publisher: INT INST ANTICANCER RESEARCH, EDITORIAL OFFICE 1ST KM KAPANDRITIOU-KALAMOU RD KAPANDRITI, PO BOX 22, ATHENS 19014, GREECE
Language: English Document Type: ARTICLE
Abstract: Background: Superantigens are among the most potent T-cell mitogens known. Since T-cell activation and T-cell-derived cytokines play a role in the immune response associated with intravesical Bacillus Calmette-Guerin (BCG) application, this study was initiated to explore the fundamental aspects of a potential new immunomodulatory therapy for superficial bladder cancer. Since Superantigen-induced cytotoxicity is mediated by apoptosis, the effects of SEB (staphylococcal enterotoxin B)-Superantigen-activated PBMC (peripheral blood mononuclear cells) on bladder cancer cells were evaluated with regard to Fas/Fas-ligand-based interactions. Materials and Methods: Whether SEB can induce Fas-ligand expression on PBMC and the extent of cytokine secretion were examined by flow cytometry and specific ELISA. In addition, whether the SEB-activated PBMC are able to induce apoptosis in transitional cell carcinoma cells (TCC) was evaluated in co-culture experiments. Results: It was shown that SEB induced pronounced time- but not dose-dependent specific Fas-ligand expression on PBMC, lasting 1 h to 7 It after initiation of the experiment. Cleaved soluble Fas-ligand was detected in the culture supernatants 24 h after stimulation, but not earlier. Further, a strong time-dependent secretion of cytokines IL-2, IFN-gamma and TNF-alpha released from the SEB-stimulated PBMC was shown. In co-culture experiments, it was demonstrated that SEB-activated PBMC significantly induced apoptosis in TCC cells. The released cytokines from SEB-treated PBMC demonstrated only a minor, not significant, apoptotic response in TCC cells. Conclusion: This first evaluation of the possible mode of action of a Superantigen opens the door for extended studies of this interesting approach to the treatment of bladder cancer.

...Abstract: derived cytokines play a role in the immune response associated with intravesical Bacillus Calmette-Guerin (BCG) application, this study was initiated to explore the fundamental aspects of a potential new immunomodulatory...
...Identifiers--CALMETTE-GUERIN IMMUNOTHERAPY; HUMAN COLON-CARCINOMA; HUMAN T-CELLS; FAS-LIGAND; BLADDER-CANCER; ENTEROTOXIN-B; BACTERIAL SUPERANTIGEN; LYMPHOCYTES; DEATH; CYTOTOXICITY

4/3,K,AB/5 (Item 2 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci

06069761 Genuine Article#: XT366 Number of References: 16
Title: An ulcerated lesion at the BCG vaccination site during the course of Kawasaki disease (ABSTRACT AVAILABLE)
Author(s): Kuniyuki S (REPRINT) ; Asada M
Corporate Source: JUSO MUNICIPAL HOSP,DIV DERMATOL, YODOGAWA KU, DEPT DERMATOL, JUSO HIGASHI 2-3-7/OSAKA 532//JAPAN/ (REPRINT); OSAKA CITY UNIV,SCH MED, DEPT PEDIAT/OSAKA 545//JAPAN/
Journal: JOURNAL OF THE AMERICAN ACADEMY OF DERMATOLOGY, 1997, V37, N2,2,S (AUG), P303-304

ISSN: 0190-9622 Publication date: 19970800
Publisher: MOSBY-YEAR BOOK INC, 11830 WESTLINE INDUSTRIAL DR, ST LOUIS, MO 63146-3318
Language: English Document Type: ARTICLE
Abstract: We describe a bacillus Calmette-Guerin (BCG) granuloma that occurred during the course of Kawasaki disease. A 12-month-old male

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Set     Items   Description
S1       3467   BACTERIA? (2N)SUPERANTIGEN??
S2      37897   BCG
S3          8   S1 AND S2
S4          5   RD  (unique items)
S5      44569   (IL(W)12) OR (INTERLEUKIN(W)12)
S6        777   S2 AND S5
S7     159455   DENDRITIC
S8        138   S6 AND S7
S9         82   RD  (unique items)
S10        27   S9 AND PY<=2002
? s dendritic (5n)((IL(W)12) OR (INTERLEUKIN(W)12))
          159455  DENDRITIC
          446856  IL
         2273898  12
           36710  IL(W)12
          520274  INTERLEUKIN
         2273898  12
           30240  INTERLEUKIN(W)12
     S11    1775  DENDRITIC (5N)((IL(W)12) OR (INTERLEUKIN(W)12))
? s s10 and s11
             27  S10
           1775  S11
     S12      6  S10 AND S11
? t s12/3,k,ab/1-6

 12/3,K,AB/1     (Item 1 from file: 155)
DIALOG(R)File 155:MEDLINE(R)
(c) format only 2007 Dialog. All rts. reserv.

13687414   PMID: 11920565
    Autocrine  IL-10 impairs dendritic cell (DC)-derived immune
responses to mycobacterial infection by suppressing DC trafficking to
draining lymph nodes and local  ***IL***  -  ***12***  production.
  Demangel Caroline; Bertolino Patrick; Britton Warwick J
  Centenary Institute of Cancer Medicine and Cell Biology, Newtown, NSW,
Australia.
  European journal of immunology (Germany)  Apr 2002,  32  (4)
 p994-1002,  ISSN 0014-2980--Print  Journal Code: 1273201
  Publishing Model Print
  Document type: Comparative Study; Journal Article; Research Support,
Non-U.S. Gov't
  Languages: ENGLISH
  Main Citation Owner: NLM
  Record type: MEDLINE; Completed
  The production of IL-12 by dendritic cells (DC) early
in an immune response is considered critical for the polarization of CD4(+)
T lymphocyte response towards a Th1 pattern, a key process in the clearance
of intracellular pathogens. Infection of bone marrow-derived DC with
Mycobacterium bovis Bacillus Calmette Guerin (BCG ) induced a
concurrent and dose-dependent releaseof IL-10 and  ***IL***  -  ***12***  . Here
we examined whether the production of IL-10 by DC affected their IL-
12 response to mycobacterial infection and the generation of
protective immune responses in vivo. Compared to wild-type (WT) DC, DC
deficient for IL-10 synthesis (IL-10(-/-)) showed increased IL-
12 production in response to BCG infection and CD40 stimuli in
vitro. Moreover, when transferred into mice, infected IL-10(-/-) DC were
more efficient than WT DC at inducing IFN-gamma production to mycobacterial
antigens in the draining lymph nodes (DLN).This effect was associated with
increased trafficking of IL-10(-/-) DC to the DLN and enhanced IL-
  ***12***  production by DC within the DLN. These data show that autocrine
IL-10 exerts a dual inhibitory effect on the induction of primary immune
responses by DC: first, by down-regulating the migration of infected DC to
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the DLN and second, by modulating the IL-12 production by DC in the DLN.

Autocrine IL-10 impairs dendritic cell (DC)-derived immune responses to mycobacterial infection by suppressing DC trafficking to draining lymph nodes and local ***IL*** - ***12*** production.
... ***2002*** ,
The production of IL-12 by dendritic cells (DC) early in an immune response is considered critical for the polarization of CD4... ... of intracellular pathogens. Infection of bone marrow-derived DC with